REMARKS

In response to the election requirement under 35 U.S.C.§121 imposed by the Examiner, Applicant elects clalms 1-10, 12, 16-22, and 24-26 drawn to Species I, forming of a plurality of quantum wires using a process that requires the patterning of a first oxide. Claims 39-47 and 49-61 are cancelled without prejudice. At the time the Examiner mailed the Office Action claims 1-10, 12, 16-22, 24-26, 29-47, and 49-61 were pending. As such, claims 1-10, 12, 16-22, and 24-26 are now pending. The Applicants respectfully request reconsideration of the present application and the allowance of all claims now presented.

-2-

CONCLUSION

Applicant respectfully submits that all rejections have been overcome and that all pending claims are in condition for allowance.

If there are any additional charges, please charge them to our Deposit Account Number 02-2666. If a telephone conference would facilitate the prosecution of this application, the Examiner is invited to contact Michael A. Bernadicou at (408) 720-8300.

Respectfully Submitted, BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Date: 4/12/____, 2005

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